Name _____ Date _____ Class _____

Lowest Common Multiple – L.C.M.

Find the L.C.M of the following sets of numbers using the repeated division method. (Use only prime factors to divide)

1. 3 and 8

    L. C. M =

__ X __ X __X __= ___

<div style="text-align:right">3, 8</div>

2. 4 and 9

    L. C. M =

___ X ___ X ___X ___ X = ____

<div style="text-align:right">4, 9</div>

3. 6 and 5
    L. C. M =
____ X ____ X _____ = ____

<div style="text-align:right">6, 5</div>

4. 8 and 12

   L. C. M =

   ___ x ___ x ___ x ___ = ___

   8, 12
   _____
   _____
   _____
   _____

5. 6 and 18

   L. C. M =

   ___ X ___ X ___ X = ___

   6, 18
   _____
   _____
   _____

6. 8 and 10

   L. C. M =

   ___ x ___ x ___ x ___ = ___

   8, 10
   _____
   _____
   _____
   _____